

## (54) SPEED CHANGE CONTROLLING DEVICE FOR AUTOMATIC TRANSMISSION

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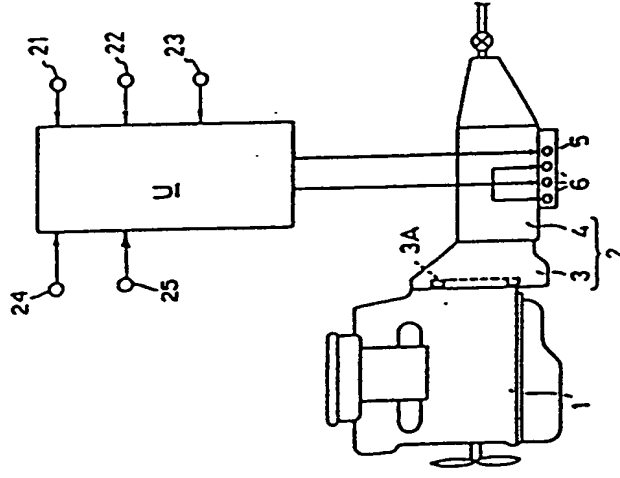
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**PURPOSE:** To make speed change characteristics more proper by providing a drive load detecting means for detecting a drive load on a vehicle and a reference value changing means for changing a reference value corresponding to the size of the drive load detected by this.

**CONSTITUTION:** A control unit U selects an economy mode basically when an auto-mode is selected by a switch 23 for speed change control, while it is changed to a power mode for speed change control when a throttle opening change rate  $\Delta TVO$  as a change ratio of an engine load gets over a predetermined reference value. In this case, two sorts of maps by ON, OFF of an air conditioning switch 24 are prepared, a drive load is set for each map corresponding to a road surface gradient, if this drive load is more than a threshold value or not is determined, and when it is more than the threshold value, the reference value  $\Delta TVO$  is set by the map for setting the reference value  $\Delta TVO$  to be set taking a throttle opening and a vehicle speed for parameters. If the drive load is large, the reference value  $\Delta TVO$  is set small.



## LEGENDE zu den Bibliographiedaten

(54) Titel der Patentanmeldung:

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